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(54) **SYSTEMS AND METHODS FOR
DISTRIBUTED UTILITIES**

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(57)

ABSTRACT

A monitoring system for distributed utilities. A generation device is provided for converting an available resource to a desired utility; the resource may be water, in which case the generator is a purifier for providing potable water, or, alternatively, the generator may convert a fuel to electrical power. In either case, an input sensor is provided for measuring input to the generation device, while an output sensor is provided for measuring consumption of output from the generation device. The monitoring system has a controller for concatenating measured input and consumption of output on the basis of the input and output sensors. Measured parameters are telemetered to a remote site where utility generation and use are monitored and may also be controlled.

